

Human PP14 ELISA Kit | PP14 elisa kit

Human PP14 (Placental Protein14) ELISA Kit

CATALOG #
AAA164423

REACTIVITY
Human

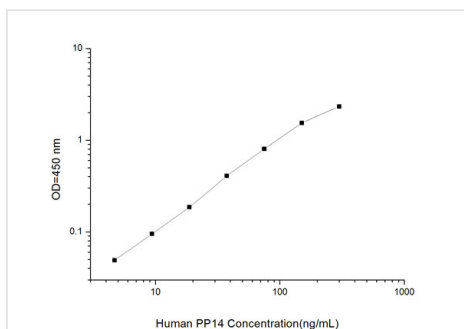
PRODUCT SYNONYMS

PP14; Human PP14 (Placental Protein14) ELISA Kit; PP14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PP14. No significant cross-reactivity or interference between Human PP14 and analogues was observed.
Sequence Length	103
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	4.688-300ng/mL
Sensitivity	Min: 2.813ng/mL; Max: 300ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PP14 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanPP14concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PP14. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PP14and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PP14, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PP14.You can calculate the concentration of PP14in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	530426625
NCBI GeneID	5047
NCBI Accession #	XP_005263463.1
NCBI GenBank Nucleotide #	XM_005263406.2
UniProt Accession #	P09466; Q5T6T1; Q9UG92
Molecular Weight	9,953 Da
NCBI Official Full Name	glycodelin isoform X3
NCBI Official Synonym Full Names	progestagen-associated endometrial protein
NCBI Official Symbol	PAEP
NCBI Official Synonym Symbols	GD; GdA; GdF; GdS; PEP; PAEG; PP14
NCBI Protein Information	glycodelin; PEG; PP14 protein (placental protein 14); alpha uterine protein; glycodelin-A; glycodelin-F; glycodelin-S; pregnancy-associated endometrial alpha-2 globulin; pregnancy-associated endometrial alpha-2-globulin; progestagen-associated endometrial protein (placental protein 14, pregnancy-associated endometrial a; progesterone-associated endometrial protein
UniProt Protein Name	Glycodelin
UniProt Gene Name	PAEP
UniProt Synonym Gene Names	GD; PP14; PAEG; PEG
UniProt Entry Name	PAEP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.